A1
cancel

16   a data stream processor responding to a received stream of data by performing a write

17   operation to the buffer manager with the received data stream's payload and an address

18   provided by the buffer manager and performing an enqueue operation with a descriptor

19   containing the address and transmitting a stream of data by performing a dequeue operation,

20   using the address in a descriptor obtained as a result of the dequeue operation in a read

21   operation to the buffer manager, producing a data stream using the payload received from the

22   buffer manager, and transmitting the produced data stream.

Remarks

5   Of the above new claims, claims 1-2 address subject matter which was not claimed in the PCT application and examined in the International Preliminary Examination. Support for these claims may be found in FIG. 4, where an implementation of the "data stream processor" appears as CP 307(i), an implementation of the "writeable instruction memory" at IMEM 403, and an implementation of the "control data processor" at 401. The fact that control data processor 401 has an industry-standard architecture is disclosed at page 20, lines 3-8 of the

10   published International Application. Claims 1-2 thus add no new matter.

Of the remaining claims, claims 3-4 and 7-10 correspond to claims which were found to satisfy the criteria set out in PCT Article 33(2)-(4). Correspondences are as follows:

Claim in the preliminary amendment	Corresponding claim examined in the International Preliminary Examination
3	10
4	6
7	1
8	8
9	3
10	5

An implementation of claim 5 is shown at 443 and 445 in FIG. 4 and in FIGs. 46 and 47. A description may be found beginning at the bottom of page 32 of the published PCT application. Implementations of the receive processor and transmit processor of claim 6 are shown at 421 and 427 of FIG. 4 and described in detail beginning at page 31, line 11 for the receive processor and beginning at page 38, line 26 for the transmit processor.

As can be seen from the foregoing, the new claims add no new matter. Applicants consequently respectfully request that Examiner enter the amendment and examine the claims as amended.

Respectfully submitted,

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